

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023608.D
 Acq On : 18 Nov 2021 16:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Nov 19 02:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37756	4.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.568	69	30218	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.111	63	68813	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.902	46	60999	45.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.360%
24) Chloroform-d	4.352	84	73115	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	34576	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.050	84	137870	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.069	67	39683	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.317	98	133715	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	15788	4.527	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.091	63	60252	46.960	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29070	4.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	49113	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	47861	3.967	ug/L	97
3) Chloromethane	1.240	50	40237	3.923	ug/L	99
5) Vinyl chloride	1.310	62	42461	4.145	ug/L	100
6) Bromomethane	1.523	94	25152	3.841	ug/L	97
8) Chloroethane	1.587	64	29140	4.930	ug/L	98
9) Trichlorofluoromethane	1.754	101	70522	4.582	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37086	4.786	ug/L	99
12) 1,1-Dichloroethene	2.117	96	33612	4.556	ug/L	98
13) Acetone	2.188	43	41188	50.484	ug/L	96
14) Carbon disulfide	2.294	76	101852	3.658	ug/L	100
15) Methyl Acetate	2.439	43	11357	4.918	ug/L	92
16) Methylene chloride	2.507	84	41590	3.863	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	75025	4.620	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	37758	4.163	ug/L	96
19) 1,1-Dichloroethane	3.191	63	67623	4.416	ug/L	98
21) 2-Butanone	3.982	43	65380	49.566	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	39603	4.537	ug/L	# 85
23) Bromochloromethane	4.249	128	18695	4.645	ug/L	# 82
25) Chloroform	4.375	83	74486	4.564	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40187	4.629	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	67353	4.554	ug/L	98
30) Cyclohexane	4.677	56	52191	3.939	ug/L	95
31) Carbon tetrachloride	4.828	117	60033	4.520	ug/L	100
33) Benzene	5.101	78	151923	4.464	ug/L	100
34) Trichloroethene	5.918	95	39292	4.342	ug/L	93
35) Methylcyclohexane	6.133	83	57242	4.007	ug/L	97
37) 1,2-Dichloropropane	6.175	63	37553	4.727	ug/L	99
38) Bromodichloromethane	6.510	83	49987	4.695	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	50855	4.450	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	184336	50.025	ug/L	99
42) Toluene	7.387	91	169613	4.660	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42598	4.493	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	25706	4.503	ug/L	98
47) Tetrachloroethene	7.976	164	35529	4.530	ug/L	98
48) 2-Hexanone	8.143	43	135033	52.297	ug/L	97
49) Dibromochloromethane	8.246	129	34290	4.741	ug/L	97
50) 1,2-Dibromoethane	8.355	107	24664	4.662	ug/L	95
51) Chlorobenzene	8.882	112	110166	4.553	ug/L	97
52) Ethylbenzene	9.011	91	172853	4.502	ug/L	100
53) m,p-xylene	9.140	106	69043	4.582	ug/L	99
54) o-xylene	9.545	106	65093	4.605	ug/L	99
55) Styrene	9.561	104	116260	4.801	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	29634	4.738	ug/L	96
59) Bromoform	9.735	173	18945	4.718	ug/L	99
60) Isopropylbenzene	9.931	105	176198	4.568	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	20837	4.666	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	145753	4.557	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	148158	4.654	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	91449	4.640	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	91259	4.534	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	82634	4.685	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4437	4.664	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	70551	4.572	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	52803	4.273	ug/L	100
71) Naphthalene	13.503	128	68704	3.770	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47845	4.425	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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